

9. Refill the master cylinder with fresh brake fluid clearly marked DOT 4. Bleed both front brakes as described in this chapter.

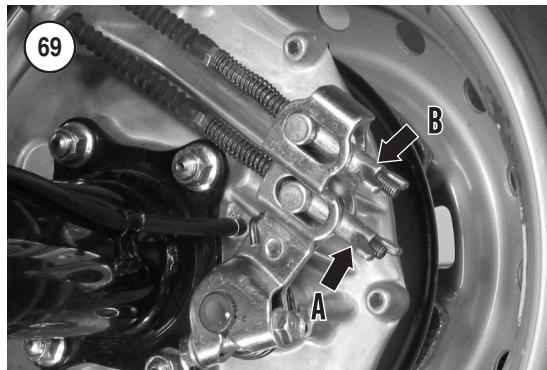
WARNING

Do not ride the vehicle before making sure the brakes operate properly.

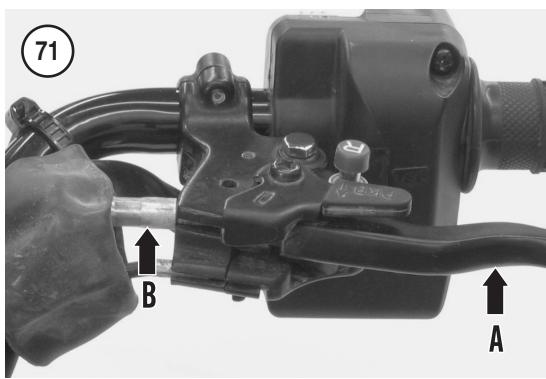
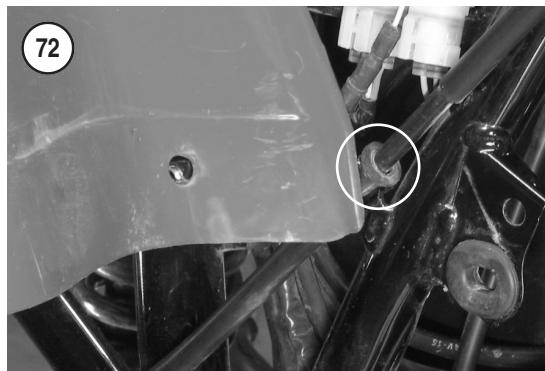
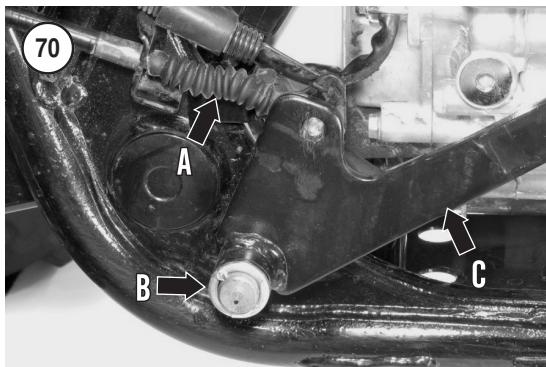
REAR BRAKE PEDAL AND CABLE

This section describes service to the rear brake pedal and cable (**Figure 68**). To service the rear brake lever/parking brake cable, refer to *Rear Brake Lever/Parking Brake Cable* in this chapter.

1. Loosen and remove the rear brake pedal cable adjusting nut (A, **Figure 69**), collar and spring from the brake arm.
2. Disconnect the brake cable from the bracket on the brake panel.
3. Disconnect the brake return spring (A, **Figure 70**) from the brake pedal assembly.
4. Remove the cotter pin and washer (B, **Figure 70**), and remove the brake pedal assembly (C).
5. Disconnect the brake cable from the brake pedal.
6. When replacing the rear brake pedal cable, perform the following:
 - a. Remove the rear brake cable from the frame, noting any cable guides or brackets.
 - b. Lubricate the new brake cable as described in Chapter Three.
 - c. Route the new rear brake pedal cable along the frame and through any cable guides or brackets.



7. Remove all old grease from the brake pedal pivot shaft.
8. Check the brake pedal dust seals and replace them if they are excessively worn or damaged.
9. Pack the dust seal lips with grease.
10. Apply grease to the brake pedal pivot shaft and brake cable end (brake pedal side).
11. Reconnect the brake cable to the brake pedal, then install the brake pedal (C, **Figure 70**) onto its pivot shaft.
12. Install the washer and secure it with a new cotter pin (B, **Figure 70**). Bend the cotter pin ends over to lock it in place. Operate the brake pedal by hand, making sure it moves without any binding or roughness.
13. Reconnect the brake return spring (A, **Figure 70**) to the brake pedal.
14. Reconnect the rear brake pedal to the brake panel. Install the spring, collar and adjusting nut (A, **Figure 69**).



15. Adjust the rear brake as described in Chapter Three.

WARNING

Do not ride the ATV before making sure the brakes operate properly.

REAR BRAKE LEVER/PARKING BRAKE CABLE

The handlebar mounted rear brake lever (A, Figure 71) operates the rear brake and is also equipped with a lock which allows it to be used as a parking brake.

1. Remove the front fender (Chapter Fifteen).
2. Loosen and remove the rear brake lever/parking brake cable adjusting nut (B, Figure 69), collar and spring at the brake arm.

3. Disconnect the brake cable from the bracket on the brake panel.

4. Disconnect the brake cable (B, Figure 71) from the brake lever.

5. Tie a long piece of heavy string to one end of the brake cable. While removing the brake cable, the string will follow the cable's original path, allowing the new cable to be installed correctly.

6. Remove any clamps or cable guides (Figure 72, typical) securing the brake cable to the frame.

7. Remove the brake cable, making sure the string follows its original path.

8. Lubricate the new brake cable as described in Chapter Three.

9. Cut the string and tie it to the end of the new brake cable. Then pull the string and install the new brake cable along its original path.

10. Reconnect the brake cable to the brake lever (B, Figure 71).

11. Secure the brake cable with clamps or cable guides (Figure 72, typical).

12. Reconnect the rear brake lever/parking brake cable to the brake panel. Install the spring, collar and adjusting nut (B, Figure 69).

13. Adjust the rear brake as described in Chapter Three.

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WARNING

Do not ride the ATV before making sure the brakes operate correctly.

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